

**HEATED SUB-FREEZING AIRFLOW DIVERTER**

**ABSTRACT OF THE DISCLOSURE**

- 5           A flow diverter comprises a heat sink array in fluid communication with a turbine outlet and an inlet face of a heat exchanger, the heat sink array comprising a plurality of heat sink elements, the heat sink array being separated from the inlet face by a distance, and the heat sink array being positioned between the turbine outlet and the inlet face such that at least a portion of a
- 10 fluid flowing from the turbine outlet contacts the heat sink array before the portion of the fluid contacts the heat exchanger inlet face.